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File 348:EUROPEAN PATENTS 1978-2004/Sep W02
        (c) 2004 European Patent Office
File 349:PCT FULLTEXT 1979-2002/UB=20040923,UT=20040916
        (c) 2004 WIPO/Univentio

Set   Items   Description
S1   20   (CONTROLL?R?)(S)(POLICY OR POLICIES)(S)(LOCK?)
S2   4   S1 NOT PY>1999

read (circled S2, handwritten annotation)

? t2/3,k/all

2/3,K/1   (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00535362   **Image available**
DYNAMIC SECURITY FOR DIGITAL TELEVISION RECEIVERS
SECURITE DYNAMIQUE POUR RECEPTEURS DE TELEVISION NUMERIQUES
Patent Applicant/Assignee:
  GENERAL INSTRUMENT CORPORATION,
  PETERKA Petr,
Inventor(s):
  PETERKA Petr,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9966714 A1 19991223
  Application: WO 99US10780 19990514   (PCT/WO US9910780)
  Priority Application: US 9889704 19980618
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE
  GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK
  MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN
  YU ZA ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE
  CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN
  GW ML MR NE SN TD TG
Publication Language: English
Fulltext Word Count: 8526

English Abstract
  ...that allows service providers, consumer electronic (CE) manufacturers
  or standards bodies to define flexible security **policies** (110) for the
  execution of downloaded applications (120) on digital television (DTV)
  receivers (160). The...

  ...For example, environmental factors such as time of day, date, channel
  currently tuned in, parental **lockout** status, grouping of major and
  minor virtual channels, and so forth, may be considered. An access
  controller (168) determines if the receiver's environmental factors
  satisfy the conditions for granting a permission...

  ...allow access to the receiver functions (161), receiver resources and
  user private data. The security **policy** can be modified by installing or
  downloading a new security **policy** (110), or modified by a user with the
  provision of an appropriate interface. A Java...

2/3,K/2   (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00431216   **Image available**
SYSTEM AND METHOD FOR GENERATING AND EXECUTING INSURANCE POLICIES FOR
    FOREIGN EXCHANGE LOSSES
SYSTEME ET PROCEDE POUR GENERER ET EXECUTER UNE POLICE D'ASSURANCE CONTRE
    LES PERTES DE CHANGE
Patent Applicant/Assignee:
  WALKER ASSET MANAGEMENT L P,
Inventor(s):
  WALKER Jay S,
  JORASCH James A,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9821680 A1 19980522
  Application: WO 97US20754 19971113   (PCT/WO US9720754)
  Priority Application: US 96749241 19961115
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU
  ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ
  PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW GH KE LS MW
  SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE
  IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG
Publication Language: English
Fulltext Word Count: 9767

Fulltext Availability:
  Detailed Description

Detailed Description
... five francs per dollar would
  have a transaction amount of two hundred dollars.

  Next, central **controller** 200 calculates the
  transaction amount in domestic currency using the
  prevailing exchange rate on the day transaction data 70 is
  received by central **controller** 200. For example, if the
  prevailing exchange rate is four francs per dollar when
  the...

...example, withdraws one thousand francs from ATM 440. if
  the user wants to use the **locked** -in rate of insurance
  policy 60, the traveler enters the tracking number of
  insurance **policy** 60 into ATM 440 (step 1320). In addition
  to the amount of withdrawal and tracking...the cash at the prevailing
  rate (step 1420).

  If the tracking number is found, central
  controller 200 compares the prevailing exchange rate to
  the **locked** -in exchange rate of insurance **policy** 60 (step
  1430). If the exchange rate specified in insurance **policy**
  60 is not more favorable than the prevailing rate (step
  1440), ATM 440 is instructed...

...exchange rate (step
  1450). This prevents the end user from invoking a claim
  under insurance **policy** 60 if the prevailing exchange rate

227-Sep-0411:43 AM

is less favorable or equal to the prevailing rate...

...updates the remaining amount of
coverage in end-user account database 290 (step 1530).

Central **controller** 200 instructs ATM 440 to
present the end user with currencies at the **locked** -in
exchange rate of insurance **policy** 60 (step 1540). In
order to compensate the bank operating ATM 440 for the
exchange rate loss associated with the transaction,
central **controller** 200 electronically transfers the amount
of currency equal to insurance adjustment 80 to the bank...a flowchart
illustrating a preferred
process for determining whether insurance adjustment 80 is
necessary. Central **controller** 200 processes transaction
data 70. Central **controller** 200 searches insurance **policy**
database 265 for the tracking number transmitted by bank
460 (step 1700). If central **controller** 200 does not find
the tracking number in insurance **policy** database 265 (step
1710), central **controller** 200 instructs bank 460 to
exchange the end user's money at the prevailing exchange...

...number is found, then
the exchange rate provided by bank 460 is compared to the
locked -in exchange rate specified in insurance **policy** 60
(step 1730). If the **locked** -in rate is not more favorable
(step 1740), then central **controller** 200 instructs bank
- 22
460 to exchange the end user's money at the prevailing
exchange rate (step 1750). If the **locked** -in rate is more
favorable, central **controller** 200 checks the remaining
amount of coverage (step 1760). If no coverage remains,
central **controller** 200 instructs bank 460 to exchange the
end user's money at the prevailing exchange...

...If the coverage is not exhausted, however,
insurance adjustment 80 is required (step 1780). Central
controller 200 then calculates the amount of insurance
adjustment 80 as described above in connection with...provides the credit
card
number and the tracking number, and the Web site verifies
insurance **policy** 60 with central **controller** 200. Once
verified, the Web site provides the tickets at the
locked -in rate specified by insurance **policy** 60 and
receives compensation from central **controller** 200 for the
amount of insurance adjustment 80.

Insurance **policy** 60 tracking number can also be
used in the conversion of digital cash from one...

...a quantity of digital
cash to be converted along with the tracking number of
insurance **policy** 60 to an online bank offering foreign
exchange. The bank verifies the validity of insurance
policy 60 with central **controller** 200, and accesses the
locked -in exchange rate of insurance **policy** 60. Assuming
the **locked** -in rate is more favorable and sufficient amount

of coverage remains, the bank completes the conversion of
funds at the **locked** -in exchange rate, electronically
transferring the new currency back to the end user for
storage...

...Lundquist, Digital Money, John Wiley &
Sons (1996); or Seth Godin, Presenting Digital Cash
(1995).

Central **controller** 200 can also create a digital
code incorporating all of the information in insurance
 policy 60. This digital code is encrypted with a private
- 24
key of central **controller** 200 and transmitted to the end
user. The end user presents this digital code to...

...for currency exchange. The bank
decrypts the digital code with the public key of central
 controller 200 and extracts all of the details of
insurance **policy** 60, allowing the bank access to the
 locked -in exchange rate without having to contact central
 controller 200. The bank is assured that the digital code
is legitimate because only central **controller** 200 has
access to the private key that originally encrypted the
I 0 digital code...

2/3,K/3   (Item 3 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00406184   **Image available**
3-BRAIN ARCHITECTURE FOR AN INTELLIGENT DECISION AND CONTROL SYSTEM
ARCHITECTURE A TROIS CERVEAUX POUR SYSTEME INTELLIGENT DE COMMANDE ET DE
    DECISION
Patent Applicant/Assignee:
  WERBOS Paul J,
Inventor(s):
  WERBOS Paul J,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9746929 A2 19971211
  Application: WO 97US9724 19970604   (PCT/WO US9709724)
  Priority Application: US 9619154 19960604
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL
  IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT
  RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN GH KE LS MW SD SZ UG AM
  AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT
  SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG
Publication Language: English
Fulltext Word Count: 84125

Fulltext Availability:
  Claims

Claim

... system; (2) to
perform the same task based on real-time learning, both in the
controller and in the model of the plant. More conventional
tethniquas fall short of these capabilities...may not be necessary here.
However, AAC
has recently demonstrated a new, far more efficient **controller**
for telerobotic robot arms, tested on a physical prototype of
the space shuttle; main arm...

...affordable. A purely robotic
approach to extracting NTM would require even greater
intelligence in the **controller** , makino ADP even more essential
a-s part-of a rather complex system.
The long...avionics and of temperature).
Sustainable development on earth is also a leading
strategic priority for **policy** at a national level, cutting
across all agencies. Current concerns about sustainable
development are in...fuel-cell car. Bench-scaie work by
Neurodyne, funded by NSF, suggests that an ANN **controller** can
convert even existing cars to ultralow emission vehicles;
tests on an actual Saturn engine...component ADP designs running
successfully
- a 1993 report from Jameson (of Jameson Robotics, formerly of
Lockheed Texas) and a brief 1994 paper by Santiago and myself.
(See R. Santiago and P...precisely, they report a 100% failure rate for
the two
component AD? design and conventional **controllers** , and an 80%
success rate for the three-component design, using a loose
definition of...

...on) to expect
that ordinary ADP systems will actually be more stable than
conventional adaptive **controllers** , when well-designed;
however, the modifications required for the global
coordination problem erode these phenomena...an
application where computers might order attacks on human
beings. (For a discussion of adaptive **controllers** , see P.
Werbos, Control circuits in the brain: Basic principles, and
critical tasks requiring engineers...

...ANN work at Ames. Extensive
presentations were made at this conference by McDonnell
Douglas, by **Lockheed** , and by people at NASA working with
McDonnell-Douglas.
The challenge here is simply to...

...The estimates of A and B are then fed into a
classical linear-quadratic optimal **controller** , of the form
given in the classical textbook of Bryson and Ho. (See A. E.
Bryson and Y. C. Ho. Applied Ciptimal Control. Ginn, 1969.)
Since the **controller** itself is a classical **controller** , not
itself changing over time, the speaker from NASA Dryden said
that this arrangement will...

...much easier to flight-certify
than any design involving true real-time learning in the
controller itself.
Phase II is planned to use a true real-time learning

system, in collaboration...for optimal performance.) But then we face an
interesting task: how to design an optimal **controller** ,
offline, like the Bryson and Ho **controller** , but optimal for
the actual nonlinear stochastic model -- so as to permit
better recovery even...op. cit.[17]) in the offline simulations, in order
to be
sure that the resulting **controller** is more robust with respect
to the details of the model. This general two-step...

...that approach. As with the Phase I design, it involves the
offline develcnment of the **controller** , which should minimize
the problems -,.:-,th flight testing and verification. From a
scientific viewpoint, this...

...for more familiar changes, it
is better to use higher-order approaches (such as TLRN
 controllers rather than real-time learning. (The system
presented by **Lockheed** at this conference also exploits this
kind of principle; however, the Phase IB approach proposed...
approximation abilities. In this problem, one learns to input
a maze description, and output a **policy** or value function,
without having to relearn the **policy** when one encounters a new
maze. Thus the present invention implements a new form of...to high
quality performance.
Until we implement Critics capable of solving such problems,
our "intelligent **controllers** " will fail short of true brainlike
capabilities in a very important way.
The problem of...this very
simple maze problem, it would seriously undermine all our
hopes to build intelligent **controllers** with neural networks.
This particular maze was chosen -- in advance -- to be
especially tricky, with...

2/3,K/4   **(Item 4 from file: 349)**
DIALOG(R)File 349:PCT FULLTEXT
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00375280   **Image available**
STAGGERED STREAM SUPPORT FOR VIDEO ON DEMAND
SUPPORT DE FLUX DECALE POUR VIDEO A LA DEMANDE
Patent Applicant/Assignee:
  EMC CORPORATION,
Inventor(s):
  VAHALIA Uresh K,
  FORECAST John,
  TZELNIC Percy,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9716023 A1 19970501
  Application: WO 96US17156 19961028   (PCT/WO US9617156)
  Priority Application: US 955988 19951027; US 96661053 19960610
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  AL AM AT AU BA BB BG CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE
  KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD
  SE SG SI SK TJ TM TR TT UA UG UZ VN KE LS MW SD SZ UG AM AZ BY KG KZ MD
  RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG

CI CM GA GN ML MR NE SN TD TG
Publication Language: English
Fulltext Word Count: 18381

Fulltext Availability:
  Claims

Claim
... connection
  to a serial link 31 to a media server display and keyboard

  32 The **controller** servers 28, 29 run a conventional
  operating system (such as Windows NT or UNIX) to provide a
  hot-failover redundant configuration. An active one of the
  dual redundant **controller** servers 28, 29 functions as a
  media server **controller** for the video file server 20. The
5 active one of the **controller** servers 28, 29 also allows
  management and control of the server resources from the
  network...

...address (IP) and the number of buffers
  for network communication, The active one of the **controller**
  servers 28, 29 may also provide **lock** management if **lock**
  management is not provided by the integrated cached disk
  array 23,
  For multi-media data transfer, the active one of the
  controller servers 28, 29 assigns one of the stream servers
  21 to the network client 54...

...to
  communicate with any one of the stream servers 21, The
  active one of the **controller** servers 28, 29 ...send or receive data to
  or from the client,
  Alternatively, the active one of the **controller** servers 28,
  29 could communicate with a switching mechanism such as the
  ATM switch 53...

...connections
  40 among the integrated cached disk array 23, the optional
  tape silo 24, the **controller** servers 28, 29, and the stream
  servers 21, The integrated cached disk array 23 includes...

...links to each of
  the stream servers 21 and to each of the dual redundant
  controller servers 28, 29*
  The tape silo 24 includes an array of SCSI adapters 50
  and...

...link to a respective one
  of the stream servers 21 or each of the redundant **controller**
  servers 28, 29, The read/write stations 51 are controlled
  robotically in response to commands from the active one of
  the **controller** servers 28, 29 for tape transport functions,
  and preferably also for mounting and unmounting of...Patent No.
  5,335,352, issued Aug, 2, 1994y
  and entitled Reconfigurable, Multi-Function Disc **Controller** ,
  incorporated herein by reference. The cache memory 41 is
  constructed on a number of additional...APIs) for developing and

porting file service protocols (such as NFS).
In the processors of **controller** servers 28, 29, a
software application is run by a general purpose operating
system such...

...video file server only
through the software application executing on an active one
of the **controller** servers 28, 29. This software application
executes as a central control to prevent the video...
...from the underlying
data stream, The application software running on a active
one of the **controller** servers 28, 29 includes an admission
control program. The kernel program 63 includes a real-time
5 scheduler. The admission control program running on the
active one of the **controller** servers 28, 29 applies an
admission control **policy** to determine whether a service
request can be satisfied, and if so, sends the stream...

...their
real-time schedulers tc schedule operations to satisfy the
service request. The admission control **policy** considers the
global resources available to satisfy the request, including
the current loading of the...

...stream servers is selected to perform the required
operation, and the active one of the **controller** servers 28,
29 transmits an associated operational command over the
local Ethernet (26 in FIG the **controller**
servers 28, 29, Preferably, one or more of the stream
servers 21 are kept in...
...the other stream
servers that fails to acknowledge commands from the active
one of the **controller** servers 28, 29 or is otherwise found
to experience a failure.
The software 60 further...
?